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APPROVED: /M.L./

11/25/2008

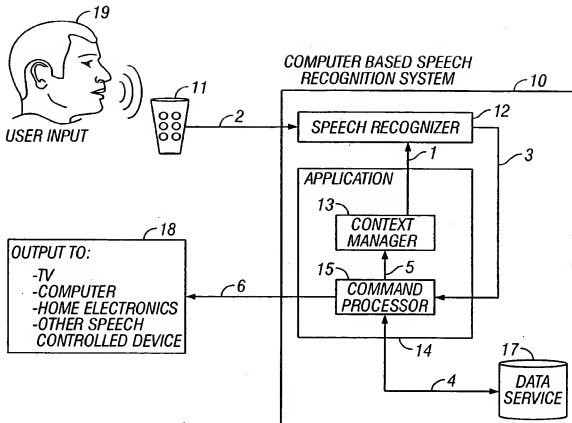


FIG. 1

TOP-LEVEL GRAMMAR 20

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"SET"	CHAINED COMMAND	SET GRAMMAR
"FIND"	CHAINED COMMAND	FIND GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

"SET" GRAMMAR 22

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"OPTIONS"	CHAINED COMMAND	OPTION GRAMMAR
"PREFERENCES"	CHAINED COMMAND	PREFERENCES GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

"OPTIONS" GRAMMAR 24

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"FAVORITE"	CHAINED COMMAND	FAVORITE GRAMMAR
"BLOCKS"	CHAINED COMMAND	BLOCKS GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

"FAVORITES" OPTION 26

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"CHANNEL 2"	CHANNEL TYPE	NONE
"CATEGORY"	CHAINED COMMAND	CATEGORY GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

"CATEGORY" GRAMMAR 28

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"SPORTS"	CATEGORY TYPE	NONE
"MOVIES"	CATEGORY TYPE	NONE
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

FIG. 2

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PROGRAM INFORMATION GRAMMAR <sup>30</sup>

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"ROBERT REDFORD"	ACTOR TYPE	ROBERT REDFORD
	CHAINED COMMAND	PROGRAMS GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	



ROBERT REDFORD PROGRAMS GRAMMAR <sup>32</sup>

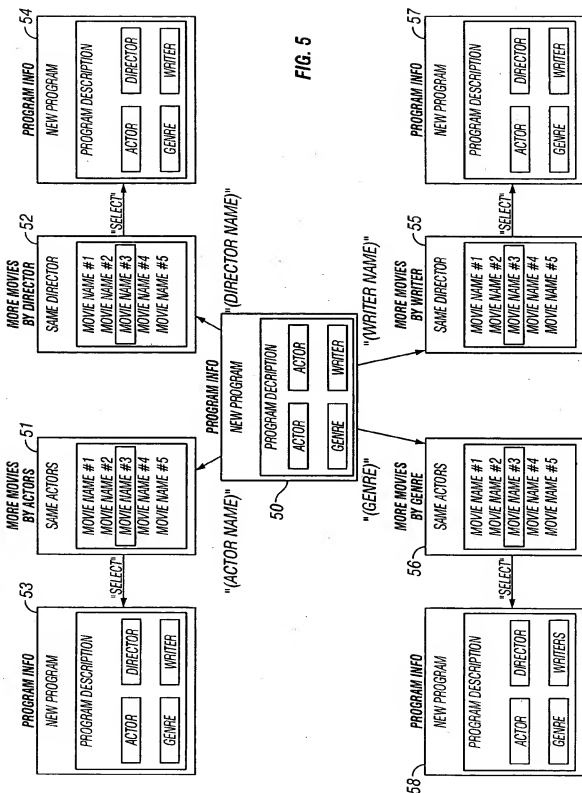
UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"BUTCH CASSIDY"	PROGRAM TYPE	NONE
"THREE DAYS OF THE CONDOR"	PROGRAM TYPE	NONE
ETC.	ETC.	ETC.
ETC.		ETC.

FIG. 3

PROGRAM INFORMATION GRAMMAR <sup>30</sup>

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"ROBERT REDFORD"	ACTOR TYPE	NONE
ETC.	ETC.	ETC.

FIG. 4



# STEP-BY-STEP TARGETED SEARCH (USING INDIVIDUAL COMMANDS)

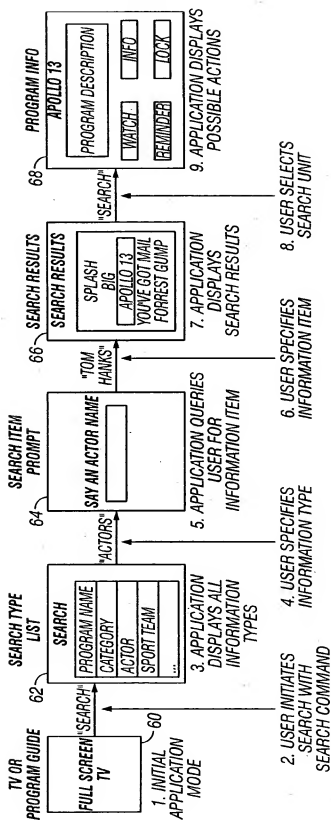


FIG. 6

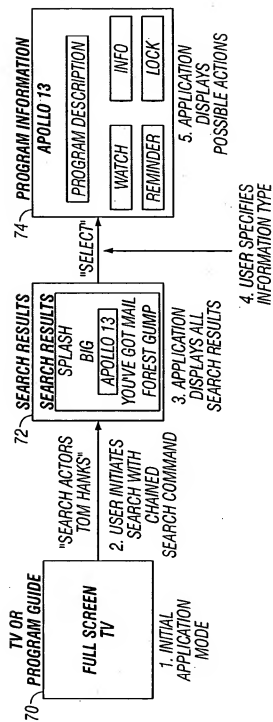
ONE-STEP TARGETED SEARCH  
(USING CHAINED COMMANDS)

FIG. 7

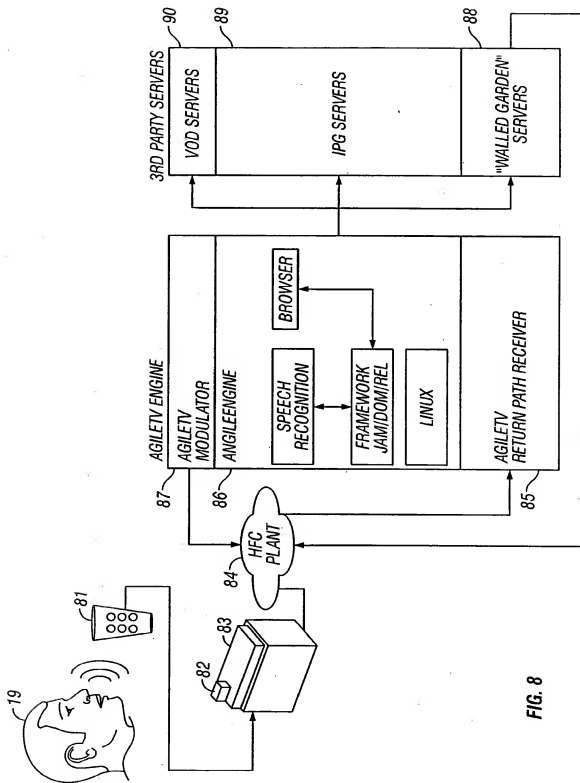


FIG. 8

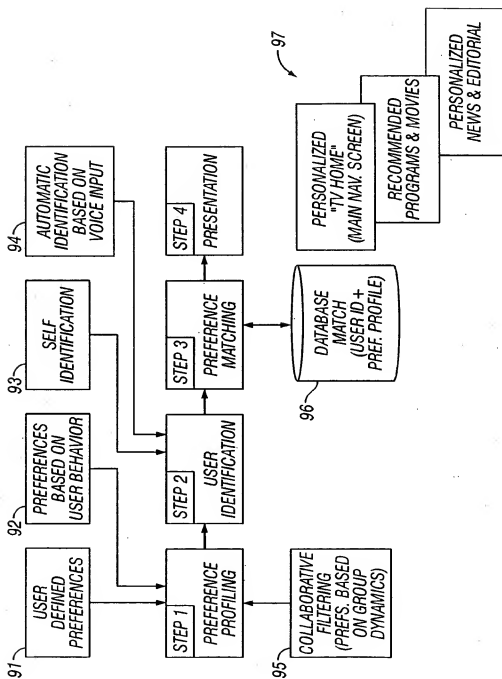


FIG. 9



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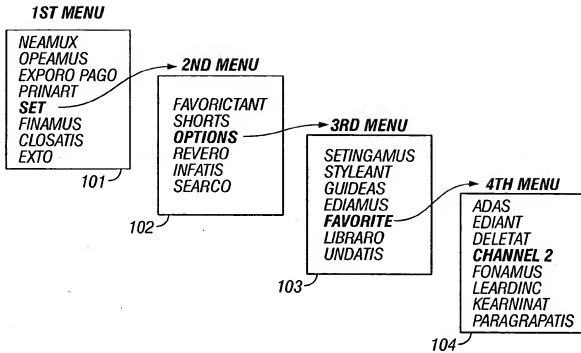


FIG. 10  
(PRIOR ART)

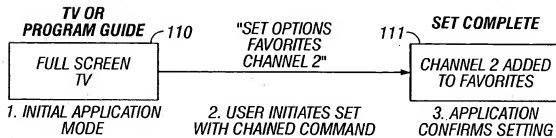


FIG. 11

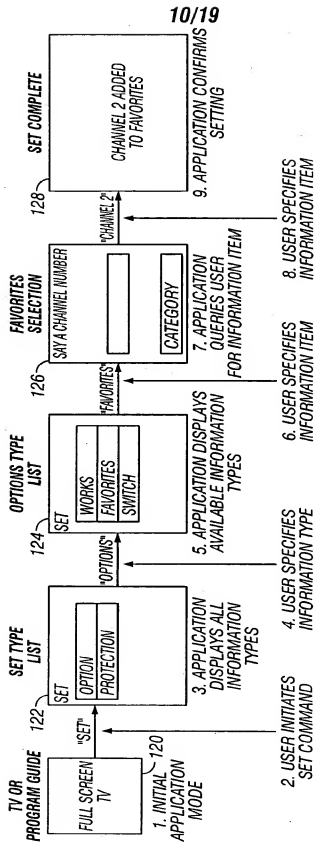
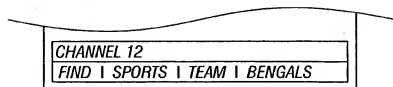
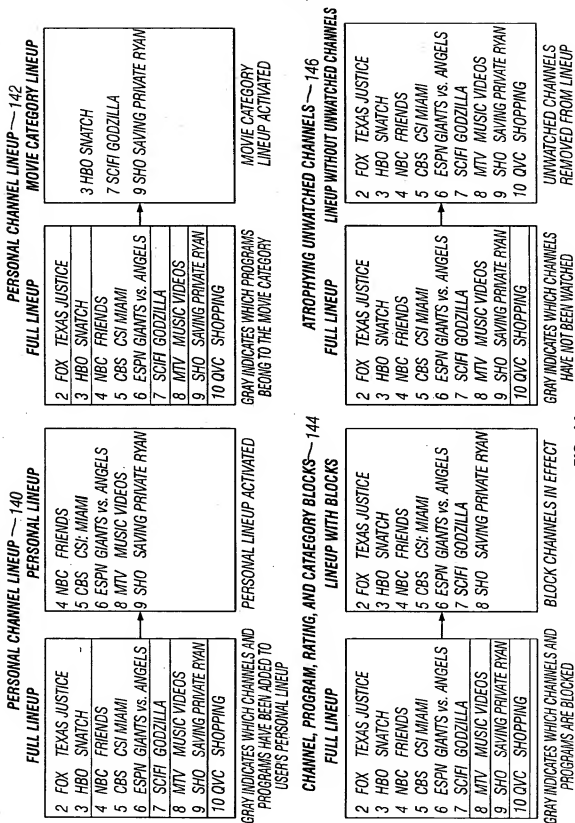


FIG. 12

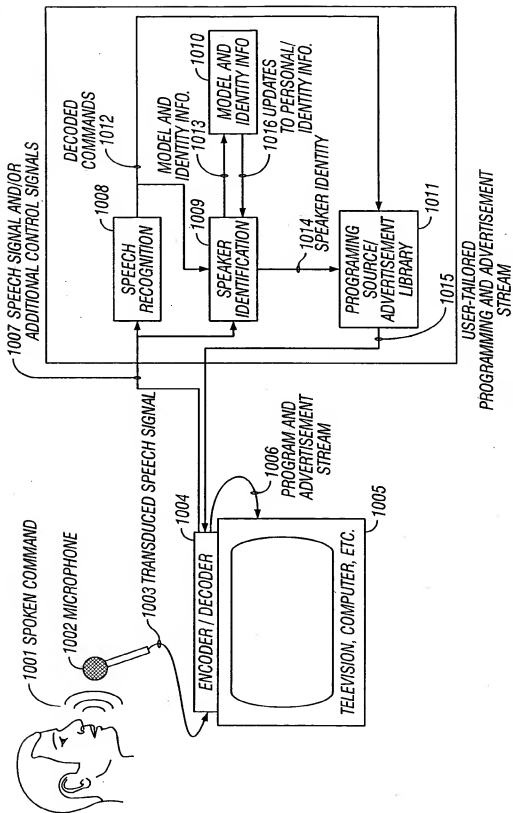
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**FIG. 13**



**FIG. 14**



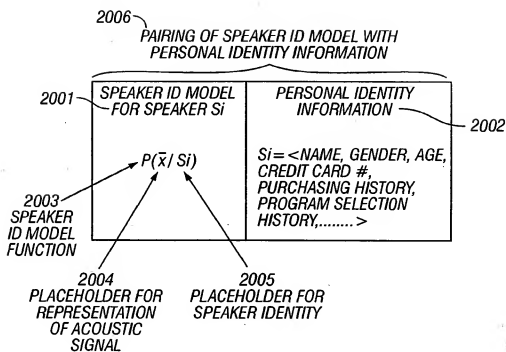


FIG. 16

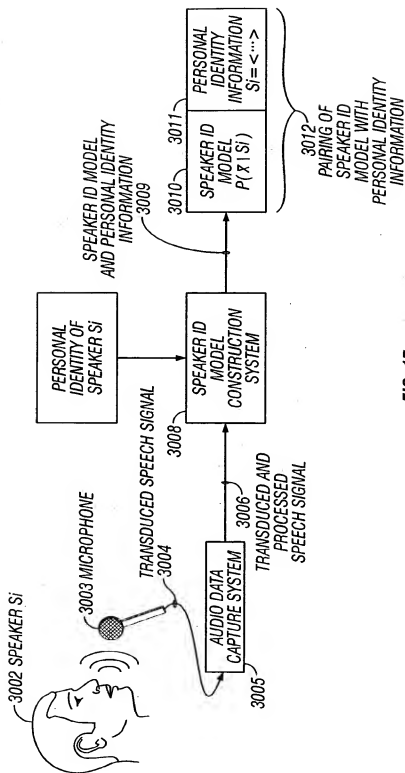


FIG. 17

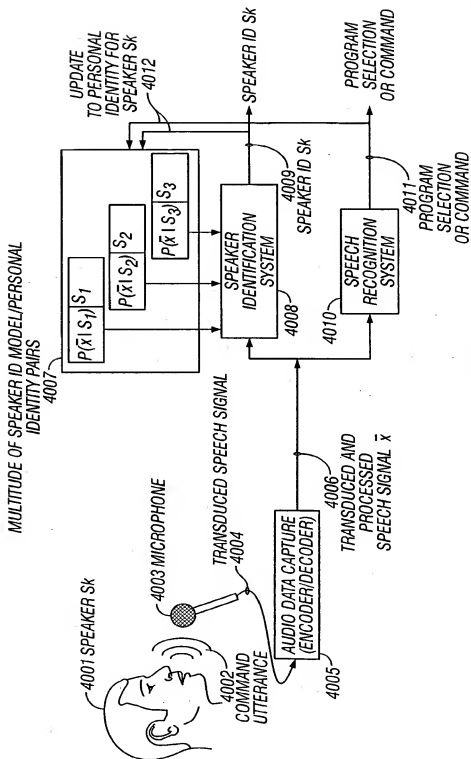


FIG. 18



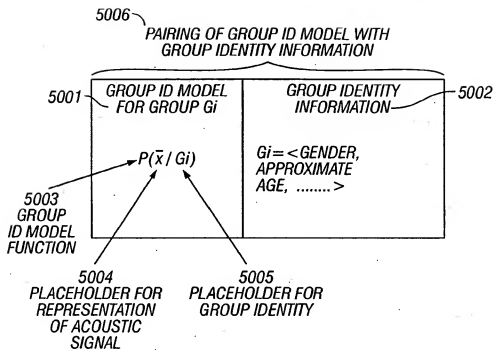


FIG. 19

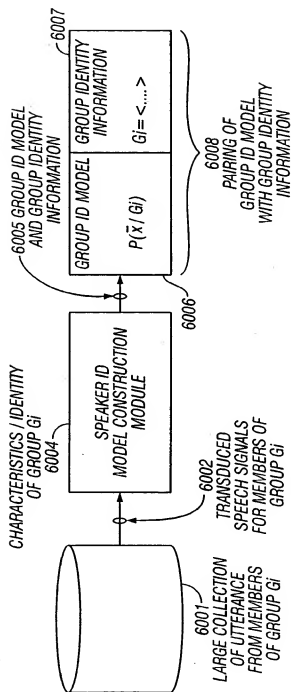


FIG. 20

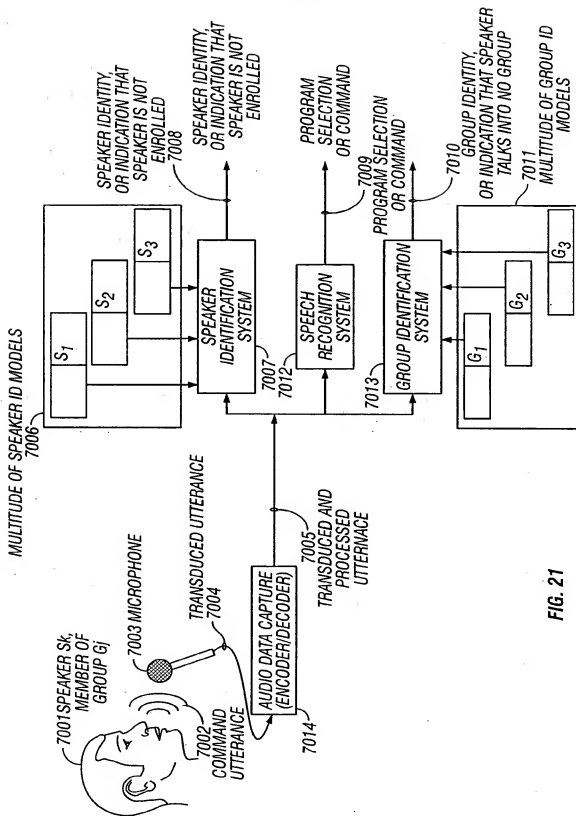


FIG. 21